

Title (en)  
DISPLAY DEVICE

Title (de)  
ANZEIGEVORRICHTUNG

Title (fr)  
DISPOSITIF D’AFFICHAGE

Publication  
**EP 3748425 A1 20201209 (EN)**

Application  
**EP 20171448 A 20200427**

Priority  
KR 20190065474 A 20190603

Abstract (en)  
A display device includes: a substrate comprising a display area and a peripheral area outside the display area; a first connection line in the display area, the first connection line comprising a first portion extending along a first column of the display area and in the first column, a third portion extending along a second column of the display area and in the second column, and a second portion connecting the first portion to the third portion; and a second connection line in the peripheral area and connected to the third portion of the first connection line and a data line in a third column of the display area.

IPC 8 full level  
**G02F 1/1345** (2006.01); **H01L 27/32** (2006.01)

CPC (source: CN EP KR US)  
**G02F 1/1345** (2013.01 - EP); **G09G 3/3208** (2013.01 - KR); **H10K 50/805** (2023.02 - KR); **H10K 59/1216** (2023.02 - CN); **H10K 59/123** (2023.02 - CN); **H10K 59/131** (2023.02 - KR US); **H10K 59/1315** (2023.02 - CN); **H10K 59/353** (2023.02 - CN)

Citation (search report)  
• [A] US 2009096975 A1 20090416 - KWON JANG-UN [KR], et al  
• [A] CN 107065336 A 20170818 - XIAMEN TIANMA MICRO ELECTRONICS CO LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3748425 A1 20201209**; **EP 3748425 B1 20220622**; CN 112038367 A 20201204; KR 20200139301 A 20201214; US 10985233 B2 20210420; US 11683965 B2 20230620; US 2020381506 A1 20201203; US 2021225991 A1 20210722

DOCDB simple family (application)  
**EP 20171448 A 20200427**; CN 202010487730 A 20200602; KR 20190065474 A 20190603; US 202016846170 A 20200410; US 202117220831 A 20210401